MySQL Challenge Exercise - Day 26

Tổng điểm   6/10   ❓

- Please make sure you fill in your Discord username correctly, or your results won't be recorded.
- No uppercase characters or extra spaces.
- Some questions might be a bit advanced, so you may need to do some research.
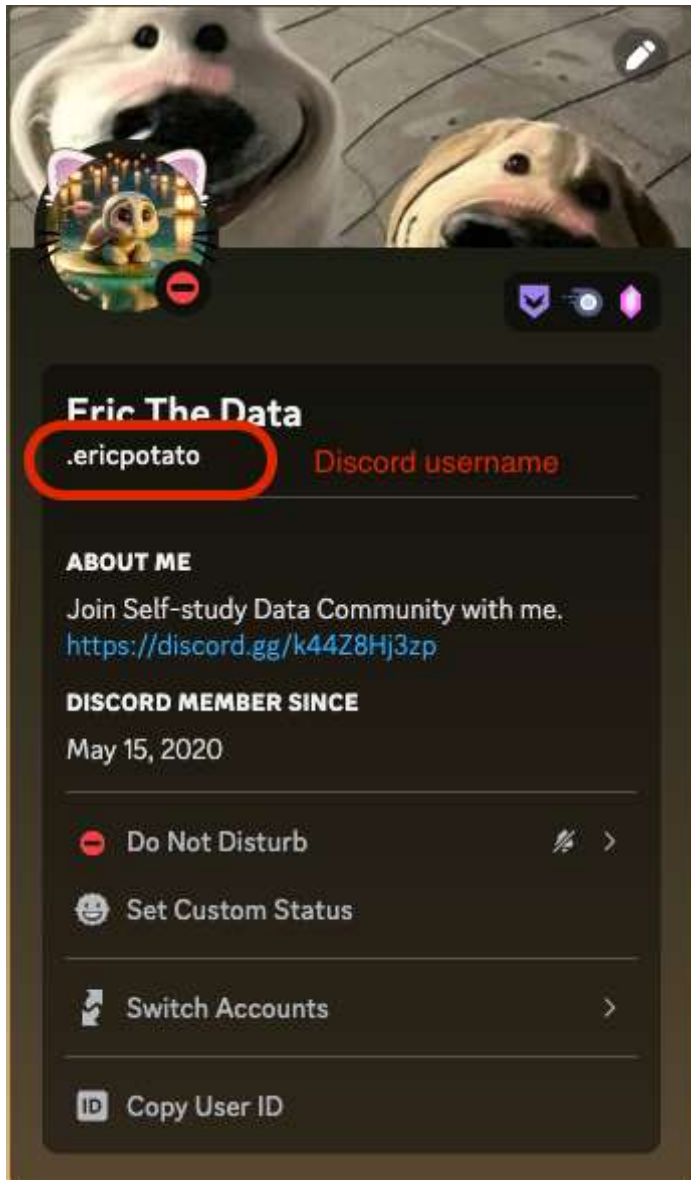- Bonus 1 score if you find an error in exercise questions.
- Check your record here: https://docs.google.com/spreadsheets/d/1w4WCG1t6PjAxKRatMDa0A5Zb-grwdWNZvb_XNpxwxkQ/edit?usp=sharing (Your record will be automatically updated in 15 minutes)
- If you're new and want to join the challenge, please find a team and let me know.

Discord Username

Discord username *

thocao118

Exercise Day *

◉ Day 26

✓ **1. Which MySQL statement is used to view all triggers in a database?** * 1/1

🔘 A) SHOW TRIGGERS; ✓

◯ B) SHOW ALL TRIGGERS;

◯ C) SELECT * FROM INFORMATION_SCHEMA.TRIGGERS;

◯ D) LIST TRIGGERS;

✓ **2. Which statement correctly deletes a trigger named before_insert on a table employees?** *1/1

◯ A) DROP TRIGGER before_insert;

◯ B) DROP TRIGGER IF EXISTS before_insert;

🔘 C) DROP TRIGGER employees.before_insert; ✓

◯ D) DELETE TRIGGER employees.before_insert;

✓ **3. How do you view the definition of an existing trigger named after_update?** *1/1

🔘 A) SHOW CREATE TRIGGER after_update; ✓

◯ B) SHOW TRIGGER after_update;

◯ C) SHOW TRIGGERS LIKE 'after_update';

◯ D) SELECT * FROM INFORMATION_SCHEMA.TRIGGERS WHERE TRIGGER_NAME = 'after_update';

✓ **4. Which statement correctly views the definition of a trigger named before_insert on the employees table?**   *1/1

◉ A) SHOW CREATE TRIGGER before_insert;   ✓

○ B) SHOW TRIGGERS LIKE 'before_insert';

○ C) SHOW CREATE TRIGGER employees.before_insert;

○ D) DESCRIBE TRIGGER employees.before_insert;

✗ **5. How do you create an event in MySQL that runs every hour?** *   0/1

○ A

○ B

◉ C   ✗

○ D

Câu trả lời đúng

◉ A

Phản hồi

The correct syntax to create an event that runs every hour uses ON SCHEDULE EVERY 1 HOUR.

- A)

```sql
Copy code

DELIMITER $$

CREATE EVENT hourly_event
ON SCHEDULE EVERY 1 HOUR
DO
BEGIN
  -- event logic here
END $$

DELIMITER ;
```

- B)

```sql
Copy code

DELIMITER $$

CREATE EVENT hourly_event
EVERY 1 HOUR
DO
BEGIN
  -- event logic here
END $$

DELIMITER ;
```

- C)

```sql
Copy code

DELIMITER $$

CREATE EVENT hourly_event
EVERY HOUR
DO
BEGIN
  -- event logic here
END $$

DELIMITER ;
```

- D)

```sql
Copy code

DELIMITER $$

CREATE EVENT hourly_event
ON SCHEDULE EVERY HOUR
DO
BEGIN
  -- event logic here
END $$
```

```
DELIMITER ;
```

✕ **6. Which command is used to modify an existing event named daily_event to run every two days instead of every day?** *0/1

◯ A

◯ B

◉ C ✕

◯ D

Câu trả lời đúng

◉ A

Phản hồi

The ALTER EVENT statement is used to modify an existing event.

- A)

```sql
                                                    Copy code
ALTER EVENT daily_event
ON SCHEDULE EVERY 2 DAY;
```

- B)

```sql
                                                    Copy code
MODIFY EVENT daily_event
EVERY 2 DAY;
```

- C)

```sql
                                                    Copy code
CHANGE EVENT daily_event
EVERY 2 DAY;
```

- D)

```sql
                                                    Copy code
UPDATE EVENT daily_event
SET SCHEDULE = 'EVERY 2 DAY';
```

✓ **7. How do you view all events in the current MySQL database?** *   1/1

◯ A) SELECT * FROM EVENTS;

◯ B) LIST EVENTS;

◉ C) SHOW EVENTS;   ✓

◯ D) SHOW DATABASE EVENTS;

✕ 8. Which statement correctly creates an event that runs once at a specified date and time? *0/1

◯ A

◯ B

◉ C   ✕

◯ D

Câu trả lời đúng

◉ A

Phản hồi

The correct syntax to create an event that runs once at a specified date and time uses ON SCHEDULE AT 'YYYY-MM-DD HH:MM:SS'.

- A)

```sql
DELIMITER $$

CREATE EVENT one_time_event
ON SCHEDULE AT '2024-12-31 23:59:59'
DO
BEGIN
   -- event logic here
END $$

DELIMITER ;
```

- B)

```sql
DELIMITER $$

CREATE EVENT one_time_event
ON SCHEDULE EVERY '2024-12-31 23:59:59'
DO
BEGIN
   -- event logic here
END $$

DELIMITER ;
```

- C)

```sql
DELIMITER $$

CREATE EVENT one_time_event
AT '2024-12-31 23:59:59'
DO
BEGIN
   -- event logic here
END $$

DELIMITER ;
```

- D)

```sql
DELIMITER $$

CREATE EVENT one_time_event
EVERY 1 TIME AT '2024-12-31 23:59:59'
DO
BEGIN
   -- event logic here
END $$
```

```
DELIMITER ;
```

✓ **9. How can you permanently delete an event named monthly_cleanup?** * 1/1

○ A) DELETE EVENT monthly_cleanup;

○ B) REMOVE EVENT monthly_cleanup;

⦿ C) DROP EVENT monthly_cleanup; ✓

○ D) DISABLE EVENT monthly_cleanup;

✗ **10. Which clause is used to ensure that an event persists even after the MySQL server restarts?** *0/1

○ A) PERSISTENT

○ B) ON COMPLETION PRESERVE

⦿ C) KEEP ALIVE ✗

○ D) RETAIN

Câu trả lời đúng

⦿ B) ON COMPLETION PRESERVE

Phản hồi

The ON COMPLETION PRESERVE clause ensures that an event persists even after the MySQL server restarts.

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